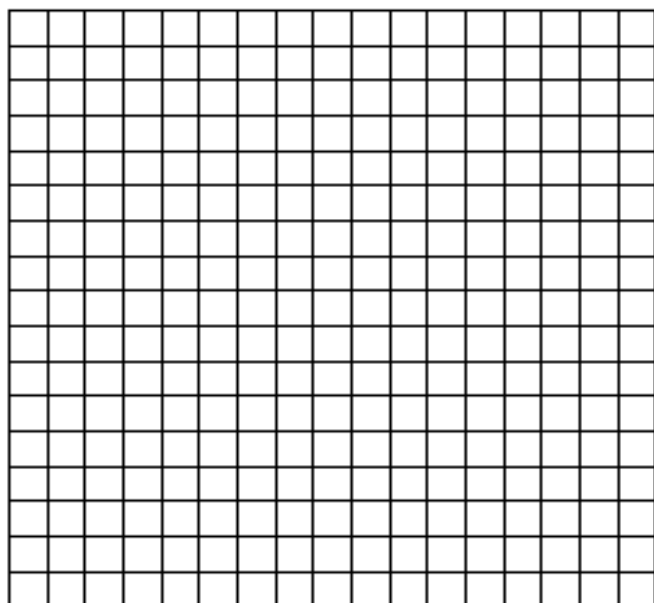


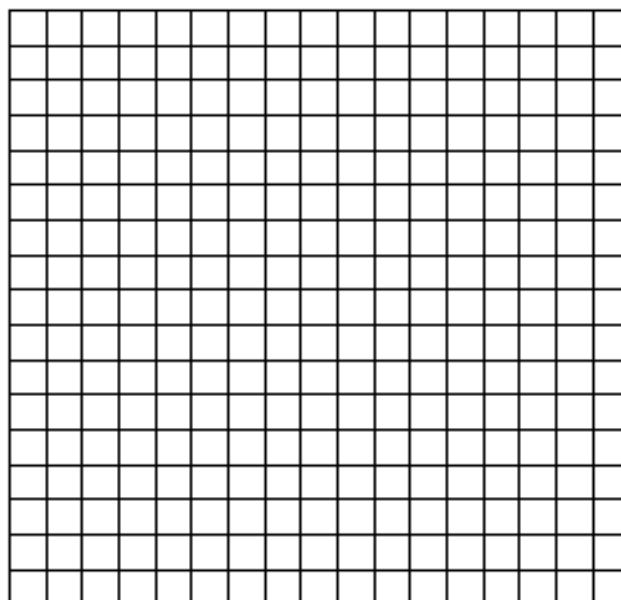
GRAPHING GAS LAWS

MOLLIE THE MOLE'S CLASS IS STUDYING THE RELATIONSHIPS BETWEEN THE PRESSURE, VOLUME, AND KELVIN TEMPERATURE OF GASES. THEY PERFORMED TWO SEPARATE EXPERIMENT'S AND THE DATA THEY COLLECTED IS BELOW. GRAPH THE DATA FROM EACH EXPERIMENT ONTO THE GRAPH PAPER PROVIDED, THEN USE IT TO ANSWER THE QUESTIONS BELOW.

EXPERIMENT #1	
PRESSURE (ATM)	VOLUME (L)
1	224
2	11.2
3	7.5
4	5.6



EXPERIMENT #2	
TEMPERATURE (K)	VOLUME (L)
273	224
283	23.2
293	24.0
303	24.9

**EXPERIMENT #1**

1. What happens to the gases volume as pressure increases?
2. What happens to the gases volume as pressure decreases?
3. What type of relationship is this?
4. Which gas law is represented by the graph of experiment #1?

EXPERIMENT #2

1. What happens to the gases volume as temperature increases?
2. What happens to the gases volume as temperature decreases?
3. What type of relationship is this?
4. Which gas law is represented by the graph of experiment #2?